

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 13679

**Title:** Type 2 diabetes mellitus: from a metabolic disorder to an inflammatory condition

**Reviewer code:** 00506409

**Science editor:** Yue-Li Tian

**Date sent for review:** 2014-08-30 13:32

**Date reviewed:** 2014-09-15 22:57

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This is an interesting manuscript that I read with interest. It is quite long and quite detailed, in particular in the review of intracellular pathways and factors involved. There are a number of duplicatures, which is acceptable. This aside, the topic is well presented, and insights on the relation to diabetes development and immune reactivity, either innate or adapted, are important. As such this review is timely. The figures form a good illustration of the text, and also the table. However, the manuscript was very difficult to read because the english language needs a lot of improvement. This reviewer therefore worked on improving the language, which was done in track mode: this was very time consuming, and delayed the return to the editorial office. The attached word file and pdf file present the proposed changes in track mode, in the respective parts of the manuscripts: the editor has the pdf file and the author the word file, because the website seems to allow only one file to be uploaded. Don't forget to see the comments in the word file!! Note that there are no legends to the figures, which should be added. Note that the use of abbreviations is very sloppy and has to be clearly checked in detail. First, there is no list of abbreviations. Second, not all abbreviations are explained at first usage. Third, a number of abbreviations are explained multiple times, which is not needed. Example: IR stands for insulin resistance, and IRS stands for insulin receptor substrate, is this correct?

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 13679

**Title:** Type 2 diabetes mellitus: from a metabolic disorder to an inflammatory condition

**Reviewer code:** 00573611

**Science editor:** Yue-Li Tian

**Date sent for review:** 2014-08-30 13:32

**Date reviewed:** 2014-09-23 17:37

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

In this review article, the authors systematically review the metabolic profile and role of various inflammatory pathways in type 2 diabetes by capturing relevant evidence from various sources. The authors gave the perspectives that development of therapies involving the shift from metabolic stress to homeostasis would favour insulin sensitivity and survival of pancreatic  $\beta$ -cells in type 2 diabetes. Comments This is an interesting review article. The reviewer has some minor concerns as follows: 1. An abbreviation list in the article can help the comprehension. 2. How about the role of pancreatic inflammation in type 2 diabetes? Pancreatitis is known to be a factor to induce diabetes. 3. There is a convoluted sentence in last sentence of Abstract. It may be revised.